

COVID-19 COCONINO COUNTY WEEKLY UPDATE

Morbidity and Mortality Weekly Report (MMWR)
Week 43 (10/18/2020- 10/24/2020)

COCONINO COUNTY
October 30, 2020

Situation Summary

MMWR Week 43 (10/18/2020-10/24/2020)

A total of 5,084 confirmed COVID-19 cases have been reported among Coconino County residents through week 43.

Deaths: 142 (3% of cases)

Probable Deaths: 5

Recovered Cases: 3,966

(78% of cases)

Hospitalizations: 677

(14% of cases)

Cases Reported Week 43 (October 18 - October 24, 2020):

345
Confirmed
Cases

2,919
Negative
Cases

240.5
Rate per
100,000

8.4%*
Positivity
Yield

Community Transmission

- Coconino County has a current **incidence rate of 240.5 per 100,000**, **percent positivity of 8.4%***, and **COVID-19-Like-Illness incidence (CLI) of 3.0%****.
- Coconino County is currently at a **moderate** level of community transmission.

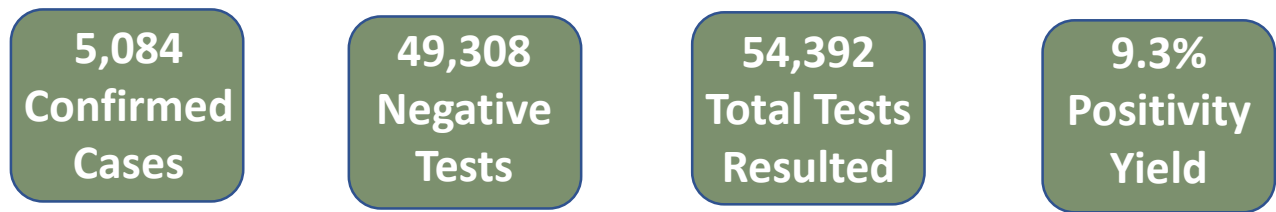
Benchmarks	Minimal	Moderate	Substantial
Cases	<10 cases/100,000	10-100 cases/100,000	>100 cases/100,000
Percent Positivity	<5%	5-10%	>10%
COVID-19-Like-Illness	<5%	5-10%	>10%

The Arizona Department of Health defines community spread levels with the thresholds outlined in the table above. These thresholds are consistent with the national standards set by Coronavirus Task Force.

***Percent positivity was calculated using only ELR data due to insufficient reporting.**

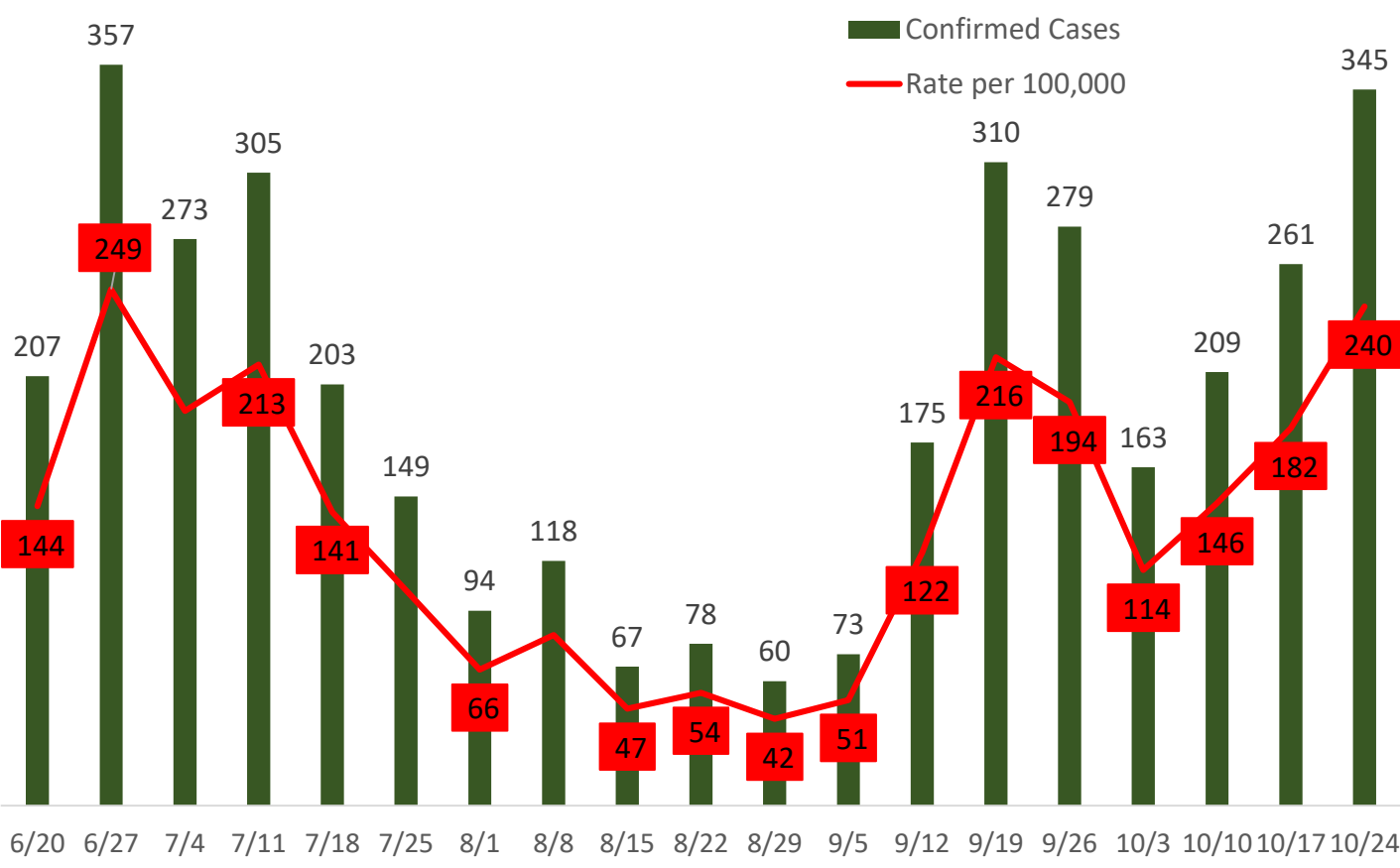
****Incidence rate and percent positivity data are from week 43 (CLI data from week 42 due to reporting lag). CLI is reported using hospital surveillance from the ADHS dashboard at the county level. Not all county hospitals are reporting CLI. Percent positivity numbers may differ from ADHS, as ADHS does not include non-electronic lab reports in % positivity calculations**

Cumulative Counts (March 15, 2020- October 24, 2020):



3,543.4 cases per 100,000 Coconino County Residents
vs.
3,354.6 cases per 100,000 Arizona Residents

Weekly Case Counts Among Coconino County Residents:



*Cases reported from 3/15/20-10/24/20

Age:

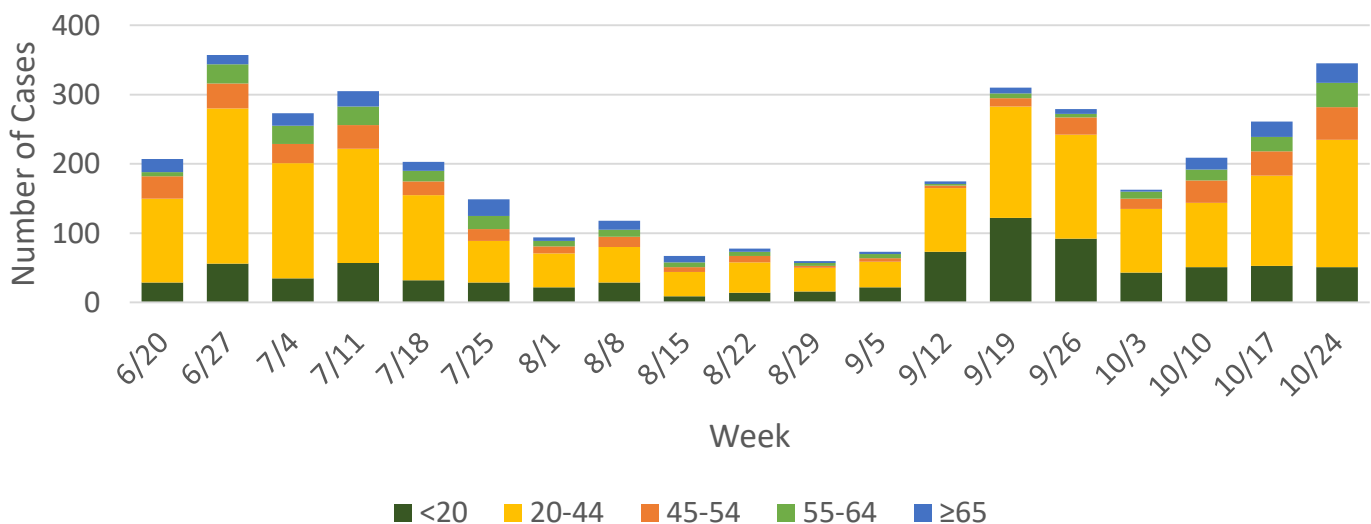
Age	Confirmed Cases	Total Tests	Positivity Yield	Testing Incidence per 100,000	Case Incidence per 100,000
<20 years	976	8,216	8.0%	20,319.5	2,413.8
20-44 years	2,614	26,148	7.6%	48,747.2	4,873.2
45-54 years	597	6,746	7.7%	47,357.0	4,190.9
55-64 years	473	6,597	6.2%	39,810.5	2,854.4
65+ years	424	6,684	5.1%	35,962.6	2,281.3

The median age of Coconino County COVID-19 cases is 29 years old

Key Take Away

- The highest **case incidence** for week 43 was observed among residents aged 20-44, with an incidence of 343.0 per 100,000.
- The highest **positivity yield** for week 43 was observed among residents aged 55-64, with a positivity yield of 9.9%.
- The highest overall **testing incidence** was observed among residents aged 20-44 years (nearly 36% higher than that of 65+ years).

Age of Confirmed Cases by Week



Location:

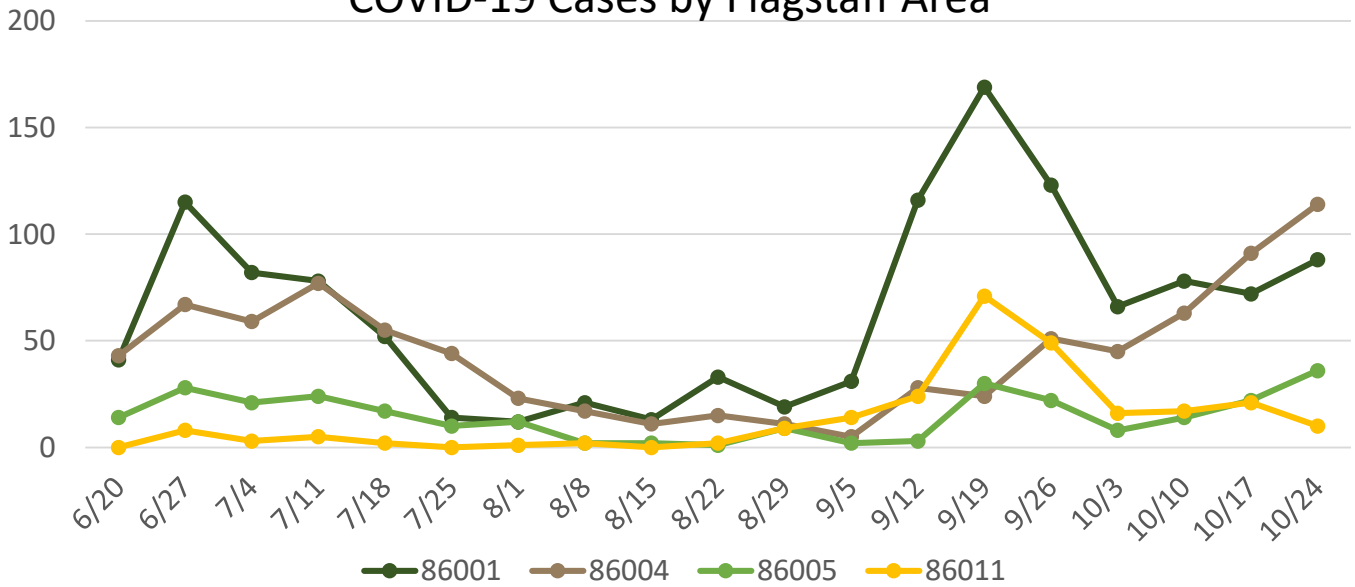
Location	Confirmed Cases	Total Tests	Positivity Yield	Testing Incidence per 100,000	Case Incidence per 100,000
Flagstaff	3,033	39,412	5.7%	42,354.4	3,259.4
Page	323	2,996	12.8%	39,697.9	4,279.8
Tribal Communities	1,464	8,380	11.5%	32,869.2	5,742.3
Williams	98	1,409	5.1%	26,756.6	1,861.0
Grand Canyon	64	669	8.2%	26,921.5	2,575.5
Other Areas	102	1,485	3.0%	15,420.6	1,059.2



Key Take Away

- The highest **increase of cases** in the Flagstaff area from the previous week was observed in 86005 with a 64% increase followed by 86004 with a 25% increase.
- The highest **increase of cases** in Other Areas from the previous week was observed in Tribal Areas with a 143% increase.
- The highest overall **testing incidence** rate was observed in Flagstaff.

COVID-19 Cases by Flagstaff Area

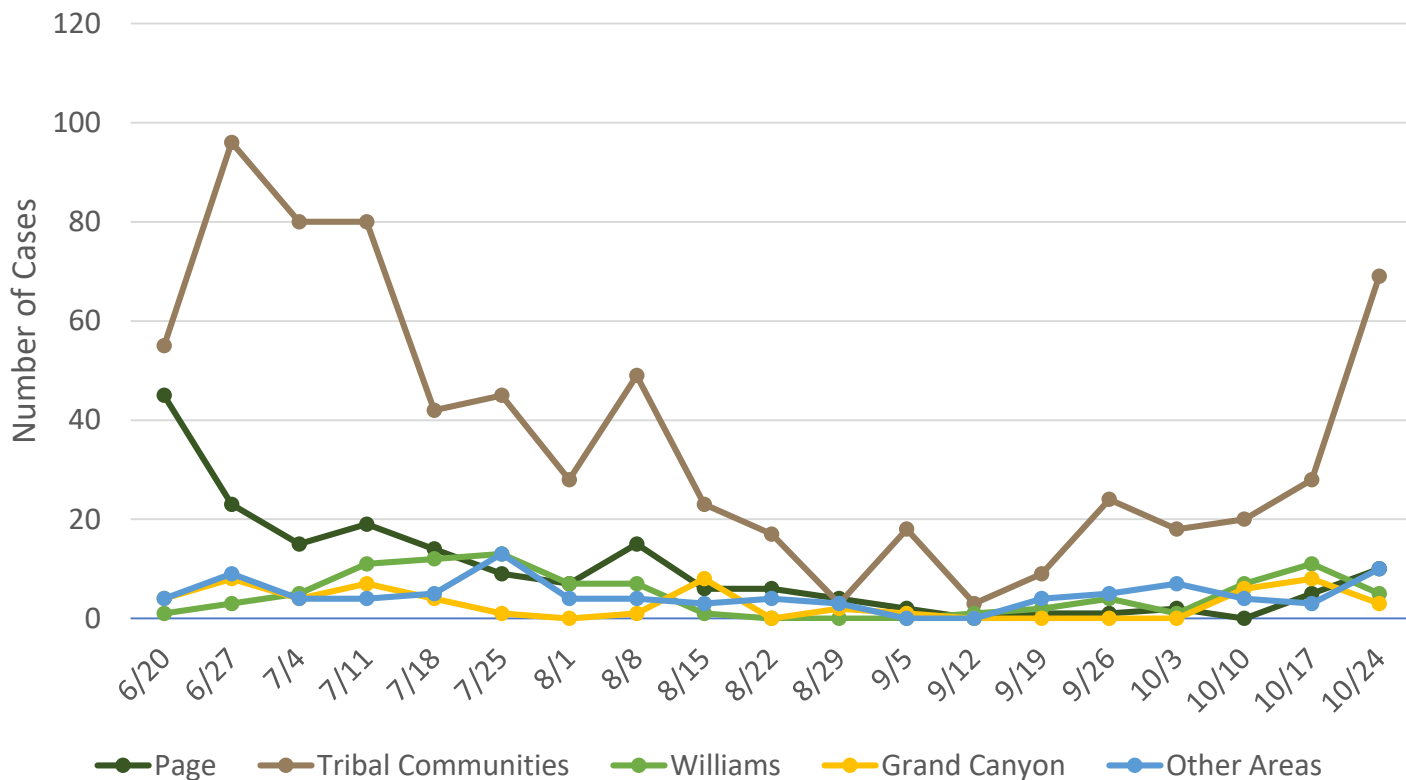


*Cases reported from 3/15/20-10/24/20

COVID-19 Situation Summary*

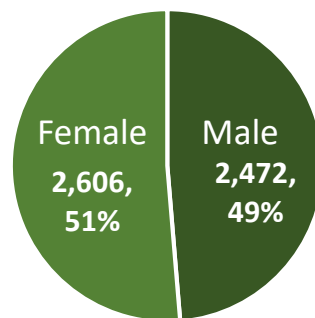
Location:

COVID-19 Cases by Other Geographic Area



Sex:

Sex	Confirmed Cases	Total Tests	Positivity Yield	Case Incidence per 100,000
Female	2,606	28,848	6.7%	3,597.5
Male	2,472	24,638	7.2%	3,479.9

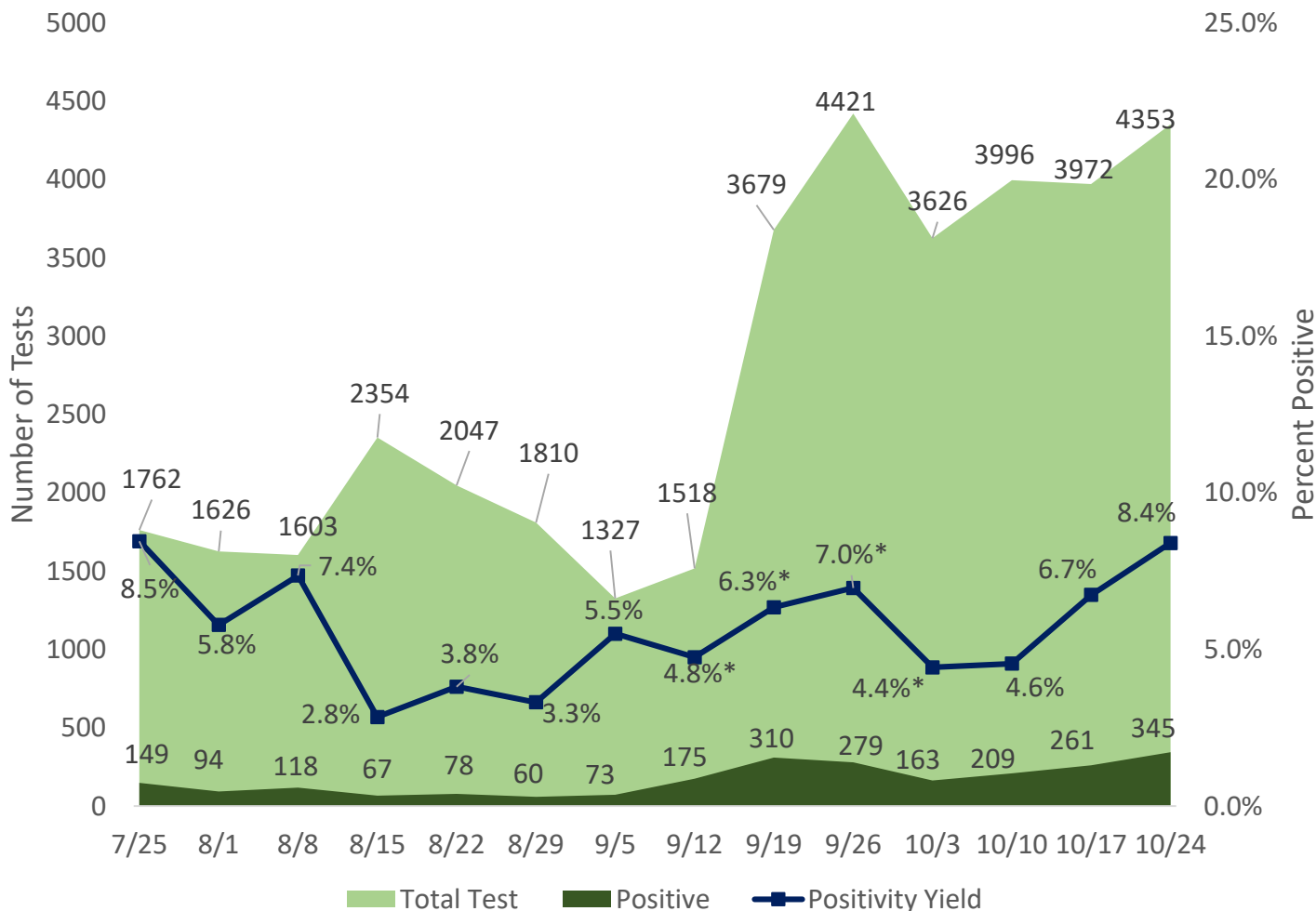


Key Take Away

- Although females have a slightly higher incidence of COVID-19 compared to males, females had 17% more tests than male residents.
- Male residents have slightly higher testing positivity yields.

COVID-19 Situation Summary*

COVID-19 TESTING BY WEEK:



*Percent positivity was calculated using only ELR data due to insufficient reporting.

Specimen Collection: Coconino County response team sites have collected a total of **47,106** specimens.

Fort Tuthill: 22,839	CCHHS: 1,308	CCC: 212	NAU: 21,131
Fredonia: 41	Grand Canyon: 209	Williams: 547	Other: 819

Investigations: The investigations team interviews Coconino County Residents that test positive for COVID-19. **Investigations completed: 2,766**

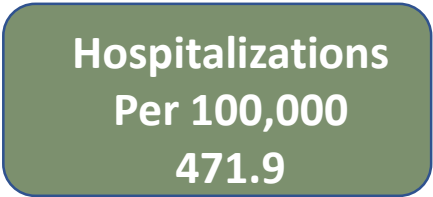
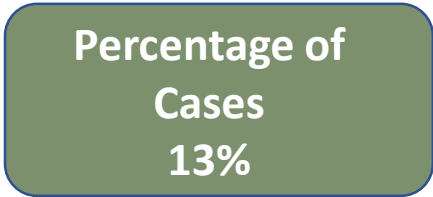
Monitoring: The monitoring team contacts confirmed cases/people exposed to confirmed cases to monitor for symptoms, identify needs, and provides assistance as requested.

- **Currently being monitored: 233 (As of 10/24/2020)**
- **Total individuals monitored to date: 2,941**

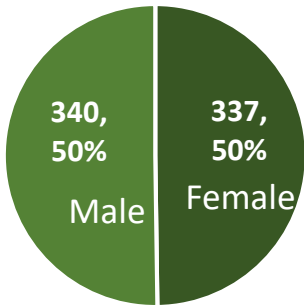
*Cases reported from 3/15/20-10/24/20

Hospitalizations

(not all hospitals are currently reporting hospitalization data to Coconino County):

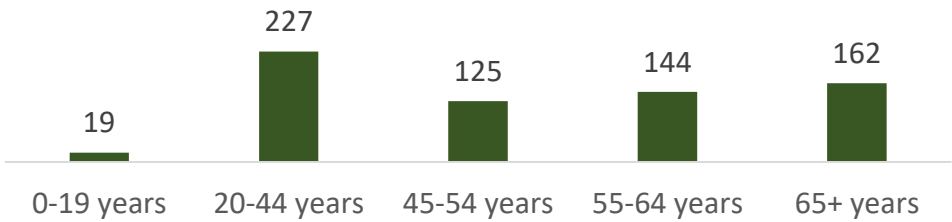


Sex

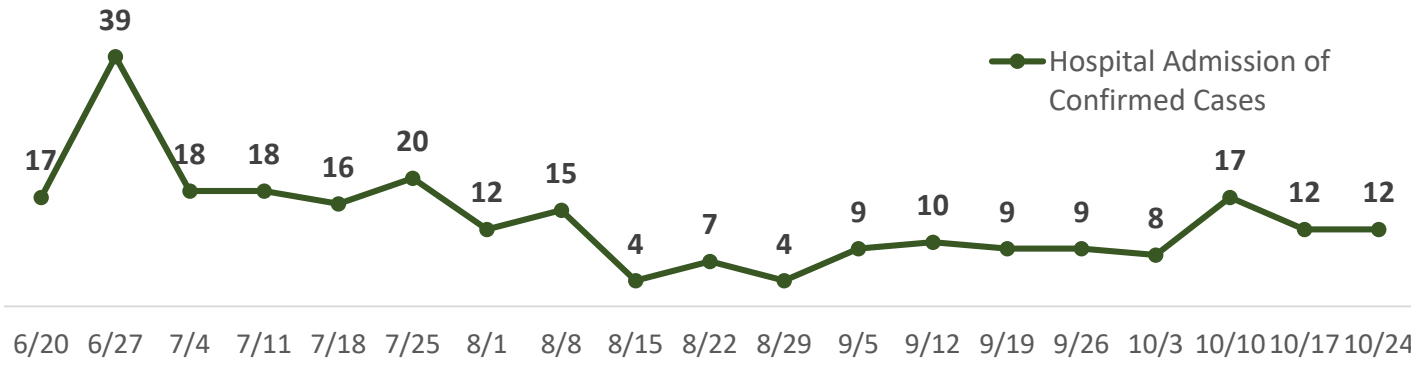


20% of hospitalized residents were in the ICU and 10% were intubated.

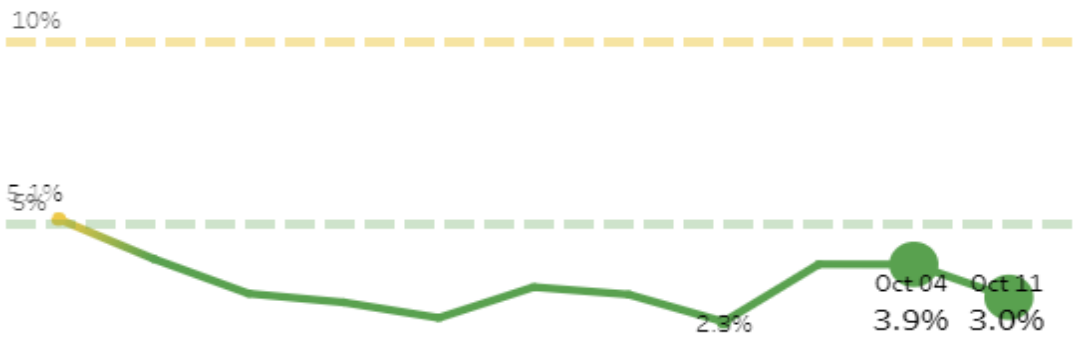
Hospitalized Coconino COVID-19 Patients by Age



Weekly Case Counts Among Coconino County Residents:



Hospital Visits for COVID-Like Illnesses Among Coconino County Residents:



*Cases reported from 3/15/20-10/24/20

CLI Graph provided by [Arizona Department of Health Services](#)

COVID-19 Situation Summary*

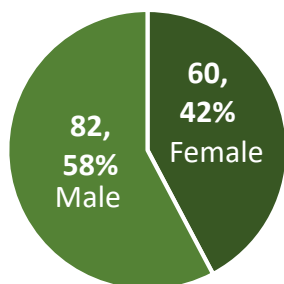
COVID-19 Related Deaths:

Percentage of
Cases
3%

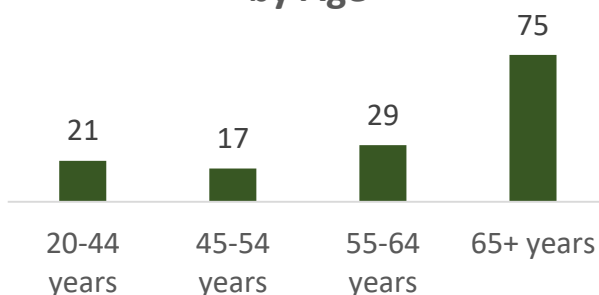
Deaths
142

Fatalities
Per 100,000
96.4

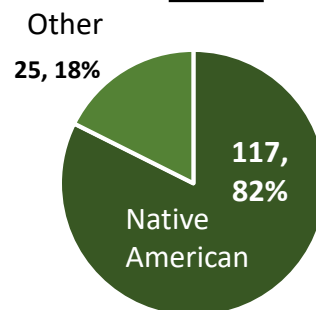
Sex



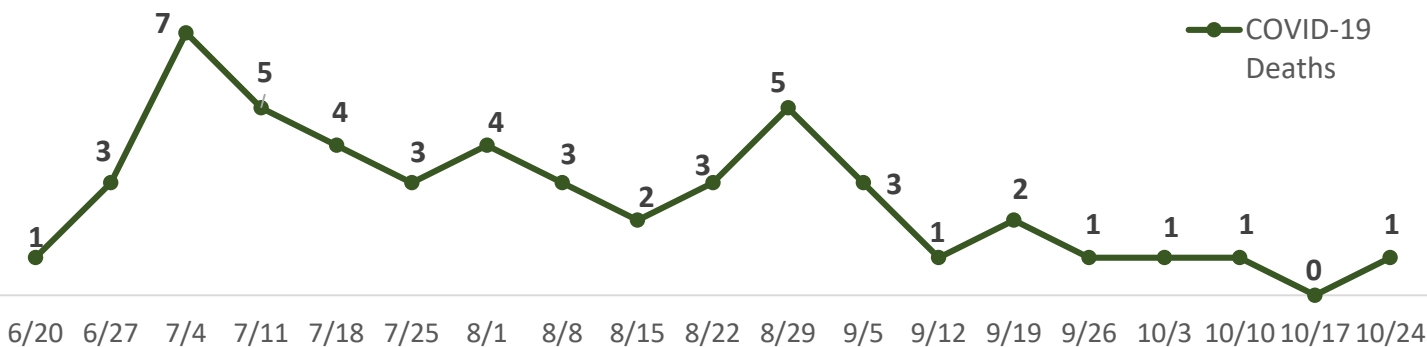
Coconino COVID-19 Deaths by Age



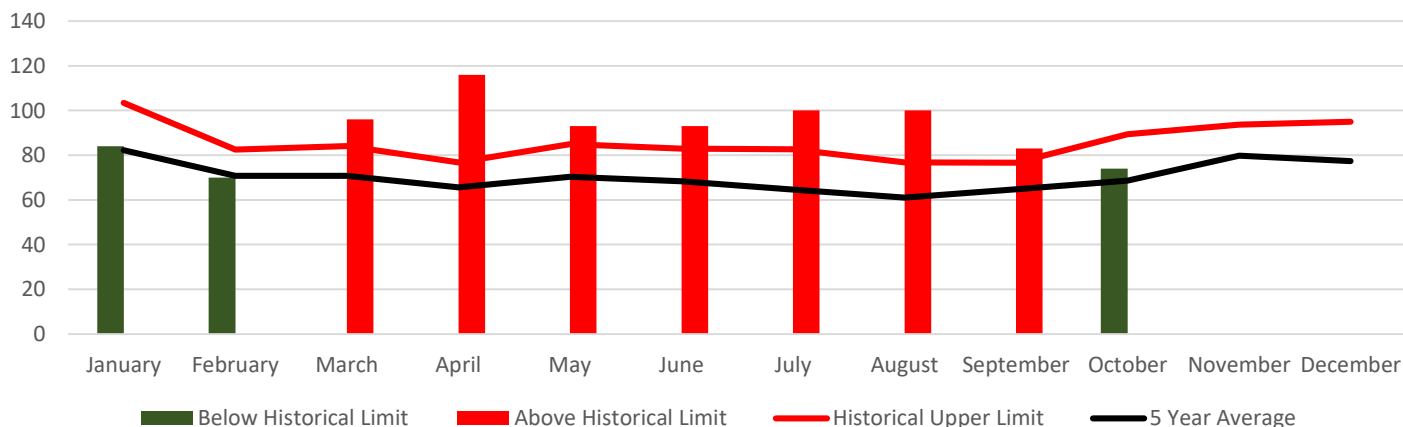
Race



Weekly COVID-19 Deaths Among Coconino County Residents:



2020 All Deaths Aberration



*Cases reported from 3/15/20-10/24/20